



MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: (405) 302-4607

DATE OF ISSUE
Jul 14 2009
MWH LABORATORIES

ADE Andy Eaton
Project Manager

Report#270794R replaces the original Report.



Report#: 270794R
Project: CLO4
PO#: Susan Crowle

This report shall not be reproduced except in full, without the written approval of the laboratory.
Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 11 page[s].



MWH

BUILDING A BETTER WORLD

July 14, 2009

Ms. Susan Crowley
Tronox
PO Box 55
Henderson, NV 89009

Subject: Case Narrative report 270794R

Sample receipt: The samples arrived at MWH on May 14, 2009, with proper chain of custody. All containers were received without any visible signs of tampering or breakage at proper temperature. Samples are identified on the acknowledgement, which is part of the report package, along with the chain of custody.

Case Narrative:

Report revised to reflect rerun for chromium on one sample.(ARP-1)

For the MWH Laboratories data the following issues were observed:

One LCS for perchlorate was misinjected so there is only data available for one LCS.

Note that for ion chromatography tests such as perchlorate, the exact analysis time is not shown on the report. Only the date of analysis appears. The time normally defaults to 00:00.

If you have any questions, do not hesitate to contact us.

Sincerely yours,

Andrew Eaton, PhD
Project Manager



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JTB

SAMPLE TEMP, RECEIPT AT LAB: 23/65

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

270794

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

KERRMCGEE-NP

Collection Wells Fields - Monthly - SO #12374

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

Sampler: Michele Brown

Tronox LLC - Henderson Plant

PO Box 55

Henderson, NV 89009

Susan Crowley (702) 651-2200

SAMPLES SHIPPED DAILY DUE TO SHORT HOLDING FOR NO3

SAMPLER COMMENTS

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP
644	5-13-09		PC-101R	RSW	X	
831	5-13-09		PC-18	RSW	X	
944	5-13-09		PC-55	RSW	X	
813	5-13-09		ARP-1	RSW	X	
756	5-13-09		L-6335	RSW	X	
623	5-13-09		PC-92	RSW	X	
707	5-13-09		PC-122	RSW	X	

NO3	CL03	CR6010	TDS	CL04
			X	X
			X	X
			X	X
			X	X
			X	X
			X	X
			X	X
			X	X
			X	X

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water

RGW = Raw Ground Water
RSW = Raw Surface Water

CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

Reported by Weight:

SO = Soil
SL = Sludge

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RELINQUISHED BY: Michele Brown

PRINT NAME: Michele Brown

COMPANY/TITLE: Veolia Water for Tronox LLC - Henderson Plant

DATE: 5/13/2009

TIME: 1200pm

RECEIVED BY: [Signature]

PRINT NAME: JTB

COMPANY/TITLE: MW

DATE: 5-14

TIME: 12:20

RELINQUISHED BY:

RECEIVED BY:



MWH LABORATORIES, a Division of MWH Americas, Inc.
 750 Royal Oaks Avenue Suite 100
 Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson

Andrew Eaton, Your MWL Project Manager
 (626) 386-1125 Direct Phone/Voice Mail

Client Code KERRMCGEE-MP M Monthly Period

Project Code CLO4
 PO# / Job# GWREMEDICATION
 Blanket PO

SO# 29568 RS

Sampler: Please Return this Paper with your samples

Created by
 Order Date
 Date Needed by Client
 Date Samples to Arrive at MWL
 SHIP LOCATION

Ship Sample Kits to
 Kerr McGee
 3000 West Lake Mead Drive
 Henderson, NV 89015

Send Report to

Kerr McGee Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

Billing Address

Kerr McGee Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

ATTN: Susan Crowley
 PHONE: 702-651-2234

ATTN: Susan Crowley
 PHONE: 702-651-2234
 FAX: 702-651-2310

Quote#

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

41 CLO4, EC9050

1 125ml poly /no preservative

These sites are monthly till further notice.

ActiveCode	Str	Date Shipped	Carrier	Qty of Coolers	Tracking Num	Prepared By
41	CLO4, EC9050					

SHEET OF LABELS WITH WELLS

See comments section

PC-86, PC-89, PC-91, PC-95,
 PC-97, PC-10, PC-12, PC-17,
 PC-18, PC-55, PC-101R
 L-635, L-637
 MW-K2, MW-K4
 ARP-1, ARP-2, ARP-3, ARP-4
 ARP-5, ARP-6, ARP-7, PC-53
 PC-103, MW-K5, M-83
 M-87, PC-98R; PC-56, PC-58;
 PC-59, PC-60, PC-62, PC-68,
 PC-122

Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on

EXTRA BOTTLES INCLUDED

client code changed 7/25/03

bottle order and IDs updated 9/9/03

testcodes updated 3-16-06



MWH Laboratories, a Division of MWH Americas, Inc.
750 Royal Oaks Avenue Suite 100
Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson Standing

Client Code KERRMCGEE-MP Q Quarterly Period

Andrew Eaton..... Your MWL Project Manager
(626) 386-1125..... Direct Phone/Voice Mail

Project Code CLO4
PC# / Job#
Blanket PO

SO# 37074 03/05/00 RS

Sampler: Please Return this Paper with your samples

Created by

Order Date

Date Needed
by Client

Date Samples
to Arrive at MWL

0 Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to

Kerr McGee Henderson Plant
P.O. Box 55
Henderson, NV 89009

Billing Address

Kerr McGee Henderson Plant
P.O. Box 55
Henderson, NV 89009

ATTN: Susan Crowley
PHONE: 702-651-2234

ATTN: Susan Crowley
PHONE: 702-651-2234
FAX: 702-651-2310

Quote#

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
70	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031	PLEASE SHIP WITH STANDING ORDER 12374

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 143705

RECEIVED subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading.

From: TRONOX LLC

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

CARRIER Federal Express		Date 5/13/09	FROM NO. STATION: STATE Henderson, NV 89015
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400		Authorization M. Skromyda	
FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect		FULL NAME OF SHIPPER TRONOX LLC CODE NO. WCN IS 1321.10181	
NIAR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM Henderson, NV	If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Ice Chest with water samples Monthly ARP and PC Well Samples One Ice Chest @ 32 lbs		1 Cooler
TRUCK SHIPMENTS PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US.	
NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
1	32	0	32
NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per		"Shippers imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission"	
THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.			
TRONOX LLC Shipper permanent post office address of shipper, PO Box 268859, Oklahoma City, OK 73126-8859	PER Carron Williams	AGENT	PER

From: Origin ID: LASA (702) 651-2230
TRONOX LLC
TRONOX LLC
8000 LAKE MEAD PARKWAY
SHIPPING DEPARTMENT
HENDERSON, NV 89015



Ship Date: 13MAY09
ActWgt: 32.0 LB
CAD: 2274147/INET9011
Account#: S *****

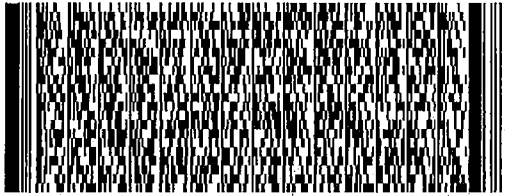
Delivery Address Bar Code



Ref # MSO #143705
Invoice #
PO #
Dept #

SHIP TO: (626) 568-6400 BILL SENDER
ATTN: SAMPLE RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS DR # 100

MONROVIA, CA 91016

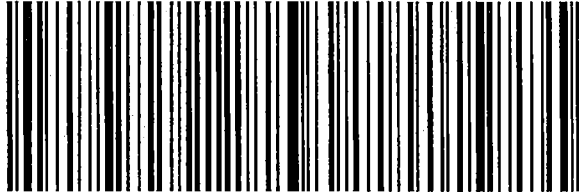


TRK# 7966 0308 3740
0201

THU - 14MAY A2
PRIORITY OVERNIGHT

QZ WHPA

91016
CA-US
BUR



After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

MWH Laboratories
 750 Royal Oaks Drive, Monrovia, CA 91016
 PHONE: 626-386-1100/FAX: 626-386-1101

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Tronox LLC - Henderson
 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

Customer Code: KERRMCGEE-MP
 PO#: Susan Crowley PO
 Group#: 270794
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on 05/14/09. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2905140258	PC-101R	CLO4 CR6010	Water	13-may-2009 06:44:00
2905140259	PC-18	CLO4 CR6010	Water	13-may-2009 08:31:00
2905140260	PC-55	CLO4 CR6010	Water	13-may-2009 09:44:00
2905140261	ARP-1	CLO4 CR6010	Water	13-may-2009 08:13:00
2905140262	L-635	CLO4 CR6010	Water	13-may-2009 07:56:00
2905140263	PC-92	CLO4 CR6010	Water	13-may-2009 06:23:00
2905140264	PC-122	CLO4 CR6010	Water	13-may-2009 07:07:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
P	Metals sample pH
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)



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Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Signature: 

Group Comments

(CLO4) LCS misinjected. Method requires only 1 LCS. Precision can be assessed from the MS/MSD recoveries and other QCs. Report revised. CR. Due to possible contamination, original result of CR was 0.12mg/L. Reprep and rerun had result of <0.01mg/L.

(QC Ref#: 2905140261)

Test: Chromium, Total, ICAP (ML/EPA 6010B)

HA - Initial analysis within holding time. Reanalysis was past holding time.



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Laboratory
Hits Report
#270794

Tronox LLC - Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
14-may-2009 22:51:20

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2905140258	PC-101R				
06/07/09		Chromium, Total, ICAP	0.088		mg/l	0.020
05/27/09		Perchlorate	190000		ug/l	20000
05/20/09		Total Dissolved Solid (TDS)	10300	500	mg/l	10
	2905140259	PC-18				
06/07/09		Chromium, Total, ICAP	0.14		mg/l	0.020
06/08/09		Metals digestion performed.	Y		Yes/No	
05/28/09		Perchlorate	188000		ug/l	20000
05/20/09		Total Dissolved Solid (TDS)	10000	500	mg/l	10
	2905140260	PC-55				
05/28/09		Perchlorate	806		ug/l	80
05/20/09		Total Dissolved Solid (TDS)	8300	500	mg/l	10
	2905140261	ARP-1				
06/08/09		Metals digestion performed.	Y		Yes/No	
05/28/09		Perchlorate	1550		ug/l	80
05/20/09		Total Dissolved Solid (TDS)	6560	500	mg/l	10
	2905140262	L-635				
05/28/09		Perchlorate	12		ug/l	10
05/20/09		Total Dissolved Solid (TDS)	7760	500	mg/l	10
	2905140263	PC-92				
06/04/09		Perchlorate	2590		ug/l	200

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#270794

Tronox LLC - Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
14-may-2009 22:51:20

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2905140263	PC-92				
05/20/09	Total Dissolved Solid (TDS)		3410	500	mg/l	10
	2905140264	PC-122				
06/07/09	Chromium, Total, ICAP		0.084		mg/l	0.020
05/28/09	Perchlorate		10700		ug/l	800
05/20/09	Total Dissolved Solid (TDS)		8550	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Data Report
#270794

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Tronox LLC - Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
05/14/09

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-101R (2905140258) Sampled on 05/13/09 06:44								
	05/27/09 19:55	486213	(EPA 314)	Perchlorate	190000	ug/l	20000	5000
06/01/09	06/07/09 00:00	487102	(ML/EPA 6010B)	Chromium, Total, ICAP	0.088	mg/l	0.020	2
05/20/09	05/20/09 19:35	485818	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	10300	mg/l	10	1
PC-18 (2905140259) Sampled on 05/13/09 08:31								
	05/28/09 00:00	486172	(EPA 314)	Perchlorate	188000	ug/l	20000	5000
06/01/09	06/07/09 00:00	487102	(ML/EPA 6010B)	Chromium, Total, ICAP	0.14	mg/l	0.020	2
	06/08/09 13:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/20/09	05/20/09 19:35	485818	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	10000	mg/l	10	1
PC-55 (2905140260) Sampled on 05/13/09 09:44								
	05/28/09 00:00	486172	(EPA 314)	Perchlorate	806	ug/l	80	20
06/01/09	06/07/09 00:00	487102	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
05/20/09	05/20/09 19:35	485818	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8300	mg/l	10	1
ARP-1 (2905140261) Sampled on 05/13/09 08:13								
	05/28/09 00:00	486172	(EPA 314)	Perchlorate	1550	ug/l	80	20
06/01/09	07/13/09 00:00	489858	(ML/EPA 6010B)	Chromium, Total, ICAP	ND(HA)	mg/l	0.010	1
	06/08/09 13:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/20/09	05/20/09 19:35	485818	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6560	mg/l	10	1
L-635 (2905140262) Sampled on 05/13/09 07:56								
	05/28/09 07:30	486373	(EPA 314)	Perchlorate	12	ug/l	10	5
06/15/09	06/17/09 00:00	488229	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
05/20/09	05/20/09 19:35	485818	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7760	mg/l	10	1



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Data Report
#270794

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-92 (2905140263)				Sampled on 05/13/09 06:23				
	06/04/09 15:41	487101	(EPA 314)	Perchlorate	2590	ug/l	200	50
06/15/09	06/17/09 00:00	488229	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
05/20/09	05/20/09 19:35	485818	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3410	mg/l	10	1
PC-122 (2905140264)				Sampled on 05/13/09 07:07				
	05/28/09 00:00	486172	(EPA 314)	Perchlorate	10700	ug/l	800	200
06/01/09	06/07/09 00:00	487102	(ML/EPA 6010B)	Chromium, Total, ICAP	0.084	mg/l	0.020	2
05/20/09	05/20/09 19:35	485818	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8550	mg/l	10	1



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Tronox LLC - Henderson

QC Ref #485818 - Total Dissolved Solid (TDS) Analysis Date: 05/20/2009

2905140258	PC-101R
2905140259	PC-18
2905140260	PC-55
2905140261	ARP-1
2905140262	L-635
2905140263	PC-92
2905140264	PC-122

QC Ref #486172 - Perchlorate Analysis Date: 05/28/2009

2905140259	PC-18
2905140260	PC-55
2905140261	ARP-1
2905140264	PC-122

QC Ref #486213 - Perchlorate Analysis Date: 05/27/2009

2905140258	PC-101R
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QC Ref #486373 - Perchlorate Analysis Date: 05/28/2009

2905140262	L-635
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QC Ref #487101 - Perchlorate Analysis Date: 06/04/2009

2905140263	PC-92
------------	-------

QC Ref #487102 - Chromium, Total, ICAP Analysis Date: 06/07/2009

2905140258	PC-101R
2905140259	PC-18
2905140260	PC-55
2905140264	PC-122



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Laboratory
QC Summary
#270794

Tronox LLC - Henderson
(continued)

QC Ref #488229 - Chromium, Total, ICAP

Analysis Date: 06/17/2009

2905140262 L-635
2905140263 PC-92

QC Ref #489858 - Chromium, Total, ICAP

Analysis Date: 07/13/2009

2905140261 ARP-1

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Tronox LLC - Henderson

QC Ref #485818 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05140263	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	3480	3410	MGL		(0-10)	2.0
LCS1	Total Dissolved Solid (TDS)	175	180	MGL	102.9	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	680	MGL	97.1	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	13	MGL	130.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	102.857	97.143	MGL	5.7	(0-20)	

QC Ref #486172 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	05210015	UGL		(0-0)	
LCS2	Perchlorate	25.0	23.8	UGL	95.2	(85-115)	
LCS3	Perchlorate	4	3.39	UGL	84.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.1	UGL	100.4	(80-120)	
MSD	Perchlorate	25.0	28.4	UGL	113.6	(80-120)	
RPD_LCS	Perchlorate		95.200	UGL		(0-15)	
RPD_MS	Perchlorate	100.400	113.600	UGL	1.1	(0-15)	

QC Ref #486213 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	05160035	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.1	UGL	100.4	(85-115)	
LCS2	Perchlorate	25.0	25.1	UGL	100.4	(85-115)	
LCS3	Perchlorate	4	3.90	UGL	97.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.9	UGL	107.6	(80-120)	
MSD	Perchlorate	25.0	25.1	UGL	100.4	(80-120)	
RPD_LCS	Perchlorate	100.400	100.400	UGL	0.0	(0-15)	

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RPD_MS Perchlorate 107.600 100.400 UGL 0.9 (0-15)

QC Ref #486373 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	05120284	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.5	UGL	102.0	(85-115)	
LCS2	Perchlorate	25.0	25.5	UGL	102.0	(85-115)	
LCS3	Perchlorate	4	4.45	UGL	111.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.4	UGL	101.6	(80-120)	
MSD	Perchlorate	25.0	25.3	UGL	101.2	(80-120)	
RPD_LCS	Perchlorate	102.000	102.000	UGL	0.0	(0-15)	
RPD_MS	Perchlorate	101.600	101.200	UGL	1.0	(0-15)	

QC Ref #487101 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	05130175	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.0	UGL	96.0	(85-115)	
LCS2	Perchlorate	25.0	23.6	UGL	94.4	(85-115)	
LCS3	Perchlorate	4	3.06	UGL	76.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.4	UGL	101.6	(80-120)	
MSD	Perchlorate	25.0	25.0	UGL	100.0	(80-120)	
RPD_LCS	Perchlorate	96.000	94.400	UGL	1.7	(0-15)	
RPD_MS	Perchlorate	101.600	100.000	UGL	1.0	(0-15)	

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QC Ref #487102 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05060129	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.05	MGL	105.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.911	MGL	91.1	(70-130)	
MS2	Chromium, Total, ICAP	1.00	0.978	MGL	97.8	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.921	MGL	92.1	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	0.937	MGL	93.7	(70-130)	

QC Ref #488229 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	06020044	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.07	MGL	107.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	1.05	MGL	105.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	0.99	MGL	99.0	(70-130)	

QC Ref #489858 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	07060041	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	

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MBLK	Chromium, Total, ICAP	ND	<0.010	MGL		
MRL_CHK	Chromium, Total, ICAP	0.010	0.00996	MGL	99.6	(50-150)
MS	Chromium, Total, ICAP	1.00	0.959	MGL	95.9	(70-130)
MSD	Chromium, Total, ICAP	1.00	0.977	MGL	97.7	(70-130)

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are advisory only, unless otherwise specified in the method.